

PTO-1390
(REV. 6-87)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

85940/11

**TRANSMITTAL LETTER FOR THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)**INTERNATIONAL APPLICATION NO.
PCT/FI91/00011INTERNATIONAL FILING DATE
10 January 1991PRIORITY DATE CLAIMED
15 January 1990TITLE OF INVENTION
A PROCESS FOR THE SIMULTANEOUS PRODUCTION OF XYLITOL AND ETHANOLAPPLICANT(S) FOR DO/EO/US
HEIKKILA, Heikki; HYOKY, Goran; RAHKIL, Leena; SARKKI, Marja-Leena; VILJAVA, Tapio

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. x This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
2. X The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS	14 -20 =	-0-	X \$20.00	\$ -0-
	INDEPENDENT CLAIMS	1 -3 =	-0-	X \$72.00	-0-
	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$220.00	\$ 220.00
	BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(4)):				\$920.00
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) \$620				
	<input type="checkbox"/> No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$690				
	<input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$920				
	<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4) \$90				
	Surcharge of \$120. for furnishing the National fee or oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(e)). 25				
	TOTAL OF ABOVE CALCULATIONS			=	\$1140.00
	Reduction by 1/2 for filing by small entity, if applicable. Affidavit must be filed also. (Note 37 CFR 1.9, 1.27, 1.28.)				
	SUBTOTAL			+	
	Processing fee of \$30. for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 mos. from the earliest claimed priority date (37 CFR 1.482(f)).				
	TOTAL NATIONAL FEE			\$	1140.00
	Fee for recording the enclosed assignment (37 CFR 1.21(h)).				+
	TOTAL FEES ENCLOSED			\$	1140.00

- a. X Please charge my Deposit Account No. 11-0600 in the amount of \$1140 to cover the above fees. A duplicate copy of this sheet is enclosed.
- b. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-0600. A duplicate copy of this sheet is enclosed.

Express No. B 90009385

3. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 - c. ☐ has been transmitted by the International Bureau.
4. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
5. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
6. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
7. ☐ An oath or declaration of the inventor (35 U.S.C. 371(c)(4)).
8. ☐ A translation of the Annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Other document(s) or information included:

9. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
10. ☐ An assignment document for recording.
Please mail the recorded assignment document to:
 - a. ☐ the person whose signature, name & address appears at the bottom of this page.
 - b. ☐ the following:

11. The above checked items are being transmitted

- a. ☐ before the 18th month publication.
- b. ☐ after publication and the Article 20 communication but before 20 months from the priority date.
- c. ☐ after 20 months but before 22 months (surcharge and/or processing fee included).
- d. ☐ after 22 months (surcharge and/or processing fee included).

Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 22 months and no proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

- e. ☒ by 30 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
- f. ☐ after 30 months but before 32 months and a proper demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date (surcharge and/or processing fee included).
- g. ☐ after 32 months (surcharge and/or processing fee included).

Note: Petition to revive (37 CFR 1.137(a) or (b)) is necessary if 35 U.S.C. 371 requirements submitted after 32 months and a proper demand for International Preliminary Examination was made by 19 months from the earliest claimed priority date.

12. At the time of transmittal, the time limit for amending claims under Article 19

- a. ☒ has expired and no amendments were made.
- b. ☐ has not yet expired.

13. ☐ Certain requirements under 35 U.S.C. 371 were previously submitted by the applicant on _____, namely:

date

14. a. ☒ Copy of the first four pages of the Record Copy for PCT/FI91/00011
- b. ☒ Copy of the Demand under the PCT (PCT/IPEA/401)
- c. ☒ Copy of Notification of Receipt of Demand (PCT/IPEA/402)
- d. ☒ Copy of Notice re Elected Offices (PCT/IB/332)

Walter Scott
KENYON & KENYON
One Broadway
New York, NY 10004 (212) 425-7200

SIGNATURE (REG. NO. 30,588)

DATE

M:\WS\GE07\72473

EXPRESS MAIL CERTIFICATE"EXPRESS MAIL" MAILING LABEL NUMBER B90009385DATE OF DEPOSIT JUL.14,1992TYPE OF DOCUMENT NATIONAL PHASE PATENT APPLICATION FOR H.HEIKKILA, ET.AL;SERIAL NO. 11/910133 FILING DATE HEREWITH

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231.

JOSE ALBERNAS

(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

TITLE: PROCESS FOR THE SIMULTANEOUS PRODUCTION XYLITOL
AND ETHANOL

The stamp of the Patent Office hereon, may be taken as
acknowledging the receipt, on the date stamped, of
B90009385
01/910133
NATIONAL PHASE
PATENT APPLICATION of H. HEIKKILA, ET. AL;

Title PROCESS FOR THE SIMULTANEOUS PRODUCTION OF
XYLITOL AND ETHANOL

Specification 25

Assignment

No. of claims 14

Recording fee \$

No. of drawings 1

Authorization to charge Dep. Acct. yes

Declaration no

Priority Document

Filing fee \$ 1,140.00

Preliminary Amendment

ENCLOSURES

Small Entity

13 Rec'd PCT/PTO 14 JUL 1992

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Jul.14,1992

WS